

TRANSPORTATION CABINET
Proposed Projects Involving the General Fund (cash or bonds)
(amounts in **bold** are the total budget)

2012-2014

(Projects listed by Cabinet priority; descriptions are from the agency submission)

1. Aircraft Major Maintenance Pool.....
\$1,200,000

The Capital City Airport operates and maintains 5 airplanes and 4 helicopters that support the Commonwealth of Kentucky. These funds will be used by the airport for its Aircraft Maintenance Pool in order to perform all maintenance for agency aircraft according to Federal Aviation Regulations. This includes major maintenance items such as engine overhauls and component replacements including transmissions, helicopter main and tail rotor systems, avionics and gearboxes, etc. Also, included in the maintenance pool is contract maintenance for avionics repair and/or other items that is beyond its internal capability. The average age of the state fleet of aircraft exceeds 35 years, which means more maintenance is required to keep the aging fleet of aircraft mission capable. Dept. of Aviation. (EQ)

CPAB Staff Notes

- *This maintenance pool is proposed for 2014-2016 and 2016-18 at the same funding level.*

2. Various Airport Buildings; Repair.....
\$1,000,000

Project funding includes repair and/or renovation of buildings, sealing of parking lots, construction of fuel containment areas for fuel trucks, and aircraft wash rack. In addition to various small maintenance jobs, Additionally, Sealcoat/Crack Seal will be applied to five parking lots and access roads. Secretary's Office. (C-O)

CPAB Staff Notes

- *This project includes repair and/or renovation of a number of existing hangars at the Capital City Airport - a complete renovation of Hangar 404 (including re-roofing and painting), application of roof sealant on Hangars 401, 401, 403 and 406, and exterior painting of Hangars 402, 403, and 405.*
- *Environmental related projects include the construction of a fuel containment area and an aircraft wash rack. The renovated building will meet all the standards set forth by the Department of Housing, Buildings, and Construction and will be A.D.A. compliant.*

3. Construct Two Box Hangars

\$900,000

These funds will be used to construct two new Box Hangars (approximately 3,600 square feet) to be leased to corporate/private entities that require aircraft storage and operational space. This new construction would generate revenues for the operation of the airport and potentially attract new businesses to the area. This airport is growing and the conventional hangar space is inadequate for current and future business operations. Secretary's Office. (C-O)

CPAB Staff Notes

- *The square or "Box" hangars will be constructed in a designated area adjacent to existing infrastructure that was constructed in FY 2002 to support this facility at the Capital City Airport.*
- *The project has the potential to generate up to \$23,000 per year in revenue.*
- *This project was included in the Transportation Cabinet's 2010-2016 plan at the same funding level.*

TRANSPORTATION CABINET
Proposed Projects Involving the Road Fund
(amounts in **bold** are the total budget)

2012-2014

(Projects listed by cabinet priority; descriptions are from the agency submission)

1. Bldg / Site Renovation & Emergency Repair

\$2,865,000

The funds in this pool account will be used for small construction, building maintenance, renovation, and emergency repairs to Transportation Cabinet owned buildings. *Secretary's Office Priority #1 (C-PI)*

2. Salt Storage Facility & Ancillary Building Maintenance & Rep **\$**
1,305,000

This account is for the construction and repair of various salt storage structures and equipment shed to protect the Cabinet's heavy equipment. *Secretary's Office Priority # 2 (C-PI)*

3. Various Environmental Compliance

\$1,295,000

Investigate known or suspected contamination from spills or releases of hazardous substances or non-hazardous pollutants. Includes detailed site investigations of horizontal and vertical extents of contamination, analysis or investigations, design of remedial measures, cleanup and disposal of contamination, and site closures. Also includes monitoring, permitting, analysis, and other activities required for compliance with environmental permits, laws and regulations. This applies to any Cabinet properties (including but not limited to highway operation facilities, traffic facilities, maintenance lots, equipment garages, rest areas, warehouses and any adjacent properties that may have been impacted). *Dept. of Highways Priority #1(C-O)*

4. Repair Loadometer & Rest Areas

\$1,500,000

Funds are provided for general repairs, emergency repairs, maintenance, renovation and improvements of existing loadometer stations and interstate rest areas. These repairs are done on an as-needed basis. *Dept. of Highways Priority #2 (C-PI)*

5. Water and Wastewater

\$572,000

This pool account will be used for various water and sewer hook-ups to public sewer and water systems. (C-PI) *Secretary's Office Priority #3*

6. Replace Overhead Doors and Emergency Repairs

\$715,000

The maintenance of overhead doors is a major concern for the Transportation Cabinet. Doors and ancillary parts must be replaced and repaired as needed to eliminate malfunctions, maintain energy efficiency, and provide building security. (C-PI) *Secretary's Office Priority #4*

7. Const. Muhlenberg Co Maint. Fac. & Salt Str.
\$1,440,000

The purpose of this project is to construct a new Muhlenberg County Maintenance Facility and a salt storage dome. The proposed size for the facility will be 8,000 square feet, have salt storage capacity of 1,500 tons, and will be located on an 8 to 10 acre site. (C-O) *Secretary's Office Priority #5*

8. Const. Harrison Co Maint. Fac. & Salt Str.
\$1,440,000

The purpose of this project is to construct a new Harrison County Maintenance Facility and a salt storage dome. The proposed size for the facility will be 8,000 square feet, have salt storage capacity of 1,500 tons, and will be located on an 8 to 10 acre site. (C-O) *Secretary's Office Priority #6*

9. Const. Nicholas Co Maint. Fac. & Salt Str.
\$1,440,000

The purpose of this project is to construct a new Nicholas County Maintenance Facility and salt storage dome. The proposed size for the facility will be 8,000 square feet, have salt storage capacity of 1,500 tons, and will be located on an 8 to 10 acre site. (C-O) *Secretary's Office Priority #7*

10. Const. Menifee Co Maint. Fac. & Salt Str.
\$1,440,000

The purpose of this project is to construct a new Menifee County Maintenance Facility and a salt storage dome. The proposed size for the facility will be 8,000 square feet, have salt storage capacity of 1,400 tons, and will be located on an 8 to 10 acre site (C-O) *Secretary's Office Priority #8*

11. Const. Knott Co Maint. Fac. & Salt Str.
\$1,440,000

This project will require the acquisition of 8 to 10 acres of land and the construction of a new Knott County Maintenance Facility and salt storage dome. The new garage will have 8,000 square feet of space, and have a salt storage capacity of 1,500 tons. (C-O) *Secretary's Office Priority #9*

12. Const. Ballard Co Maint. Fac. & Salt Str.
\$1,440,000

The purpose of this project is to construct a new Ballard County Maintenance Facility and a salt storage dome. The proposed size for the facility will be 8,000 square feet,

have salt storage capacity of 1,500 tons, and will be located on an 8 to 10 acre site.
(C-O) *Secretary's Office Priority #10*

13. Const. Henderson Co Maint. Fac. & Salt Str.

\$1,440,000

This project will acquire 8 to 10 acres of land and construct a new Henderson County Maintenance Facility and salt storage dome. The proposed size for the facility will be 8,000 square feet, and have a salt storage capacity of 1,500 tons. (C-O) *Secretary's Office Priority #11*

14. Video-Logging Roadway Feature System **\$600,000**

This project would provide funds to purchase a Video-Logging van. The van would be used to gather field data for highway condition and assessment, activity costs, and update the highway features inventory. Project includes \$120,000 Road Funds and \$480,000 federal funds. *Dept. of Highways Priority # 3(EQ)*

15. Laser Crack Measurement System (LCMS)
\$600,000

The purpose of this request is to upgrade three Video-Logging Vans, one of which is requested to be authorized for purchase in this plan, with Laser Crack Measurement System (LCMS). The LCMS utilizes laser line projectors, cameras, and advanced sensors to collect high-resolution, three-dimensional profiles of the roadway. The collected data can be used to detect and analyze cracks, lane markings, ruts, potholes, macro-texture (MPD), patches, raveling, sealed cracks, and more. Project includes \$120,000 Road Funds and \$480,000 federal funds. *Dept. of Highways Priority # 4 (EQ)*

16. LiDAR for Video-Logging Vans **\$400,000**

The purpose of this project is to upgrade three Video-Logging Vans, one of which is requested to be authorized for purchase in this plan, with equipment and software to support LiDAR (Light Detection And Ranging) technology. LiDAR makes use of lasers and sensors to produce a realistic representation of the scanned environment. . Project includes \$80,000 Road Funds and \$320,000 federal funds. *Dept. of Highways Priority # 5 (EQ)*

17. Replace KY Driver Licensing System (KDLIS)
\$12,500,000

The Kentucky Driver Licensing System (KDLIS) is an automated system that provides the issuance and maintenance of operator, commercial, motorcycle and moped licenses along with identification cards. KDLIS is the second module, which will compliment the new Kentucky Automated Vehicle Information System (KAVIS). The replacement of this system will streamline and improve efficiencies within the Department of Motor Vehicle Regulation, Division of Driver Licensing and 140 circuit clerks' offices throughout the state, as well as enhance customer service. (IT) *Dept. of Vehicle Regulation Priority #1*

18. Flat Digitized License Plates
\$1,250,000

The purpose of this project is to purchase a digital printer, blanking, and finishing support equipment needed to transition to flat, digitized license plates. This method of production is faster, less expensive and more environmentally friendly. (EQ) *Dept of Vehicle Regulation Priority #2*

19. Road Maintenance Parks
\$3,000,000

Funds are provided for the upgrading and resurfacing of state park and Kentucky Horse Park roads and parking areas, including striping, culverts, bridges, shoulders, ditches, curbs, and guardrails. *Dept. of Highways Priority # 6 (C-O)*